

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A high-pressure metal halide discharge lamp, comprising a filling, wherein the filling includes zinc, a halogen and a rare gas, wherein at least a portion of the zinc and at least a portion of the halogen are present as zinc halogenide in ~~an amount greater than further halogenides, wherein an overall~~ amount of the halogen is between 1 and 30 $\mu\text{mole}/\text{cm}^3$, an overall amount of the zinc is more than 1 $\mu\text{mole}/\text{cm}^3$, and the zinc/halogen molar ratio is greater than 0.5.

2. (Previously Presented) The discharge lamp as claimed in claim 1, wherein the halogen is iodine and the zinc halogenide is the zinc iodide.

Claim 3 (Canceled)

4. (Currently Amended) The discharge lamp as claimed in claim 3 claim 1, wherein the zinc/halogen molar ratio is greater than 1.

5. (Previously Presented) The discharge lamp as claimed in claim 1, wherein a coupling-in of energy takes place without electrodes in the radio-frequency range (0.1-1000 MHz) or in the microwave range (greater than 1000 MHz).

6. (Previously Presented) The discharge lamp as claimed in claim 1, wherein a coupling-in of energy takes place by means of metal electrodes.

7. (Previously Presented) The discharge lamp as claimed in claim 1, wherein the filling further comprises a calcium halide, with an overall amount of calcium being at least 1 nmole/cm³.

8. (Previously Presented) The discharge lamp as claimed in claim 1, further comprising a lamp tube including quartz, aluminum oxide, or yttrium-aluminum garnet.